

List of antibodies, siRNAs and shRNAs

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 An abbreviated version of this protocol was published in eLIFE in Feb 2018

Translational control of ERK signaling through miRNA/4EHP-directed silencing

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Detailed protocol

Dear Laura,

We used the following protocol for siRNA transfection (in 6-well plates) and measured the protein abundance 48h after the transfection. We did not do a 2nd transfection.

Mix 1: 750 µl OptiMEM + 15 µl Lipofectamine 2000
Vortex and incubate at RT for 5 min

Mix 2: 750 µl OptiMEM + 1.5 µl siRNA (50 nM)
Vortex and add to Mix 1

Incubate for 20 min, then add to the cells.
6h later change the medium to complete medium.

Good luck and please don't hesitate to contact me in case you need any other information.

How to cite: (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Jafarnejad, S. (2021). List of antibodies, siRNAs and shRNAs. Bio-protocol Preprint. bio-protocol.org/prep874.
2. Jafarnejad, S. M., Chapat, C., Matta-Camacho, E., Gelbart, I. A., Hesketh, G. G., Arguello, M., Garzia, A., Kim, S., Attig, J., Shapiro, M., Morita, M., Khoutorsky, A., Alain, T., Gkogkas, C. G., Stern-Ginossar, N., Tuschl, T., Gingras, A., Duchaine, T. F. and Sonenberg, N. (2018). Translational control of ERK signaling through miRNA/4EHP-directed silencing. eLIFE. DOI: [10.7554/eLife.35034](https://doi.org/10.7554/eLife.35034)

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